

DISCOVER-AQ Ground UV Parameters

Sensor	Measurement	Parameter	Unit	Description
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV299total_W/m2/nm	W/m2/nm	Surface total UV irradiance measurement at 299 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV304-6total_W/m2/nm	W/m2/nm	Surface total UV irradiance measurement at 304 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV310-7total_W/m2/nm	W/m2/nm	Surface total UV irradiance measurement at 310 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV316-8total_W/m2/nm	W/m2/nm	Surface total UV irradiance measurement at 316 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV323-7total_W/m2/nm	W/m2/nm	Surface total UV irradiance measurement at 323 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV331-7total_W/m2/nm	W/m2/nm	Surface total UV irradiance measurement at 331 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV367-2total_W/m2/nm	W/m2/nm	Surface total UV irradiance measurement at 367 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV299diffuse_W/m2/nm	W/m2/nm	Surface diffuse UV irradiance measurement at 299 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV304-6diffuse_W/m2/nm	W/m2/nm	Surface diffuse UV irradiance measurement at 304 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV310-7diffuse_W/m2/nm	W/m2/nm	Surface diffuse UV irradiance measurement at 310 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV316-8diffuse_W/m2/nm	W/m2/nm	Surface diffuse UV irradiance measurement at 316 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV323-7diffuse_W/m2/nm	W/m2/nm	Surface diffuse UV irradiance measurement at 323 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV331-7diffuse_W/m2/nm	W/m2/nm	Surface diffuse UV irradiance measurement at 331 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV367-2diffuse_W/m2/nm	W/m2/nm	Surface diffuse UV irradiance measurement at 367 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV299dirnorm_W/m2/nm	W/m2/nm	Surface Direct Normal UV irradiance measurement at 299 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV304-6dirnorm_W/m2/nm	W/m2/nm	Surface Direct Normal UV irradiance measurement at 304 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV310-7dirnorm_W/m2/nm	W/m2/nm	Surface Direct Normal UV irradiance measurement at 310 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV316-8dirnorm_W/m2/nm	W/m2/nm	Surface Direct Normal UV irradiance measurement at 316 nm with a 2 nm FWHM

7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV323-7dirnorm_W/m2/nm	W/m2/nm	Surface Direct Normal UV irradiance measurement at 323 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV331-7dirnorm_W/m2/nm	W/m2/nm	Surface Direct Normal UV irradiance measurement at 331 nm with a 2 nm FWHM
7-Channel UVMFR Rotating Shadowband Radiometer	Atmospheric Irradiance	UV367-2dirnorm_W/m2/nm	W/m2/nm	Surface Direct Normal UV irradiance measurement at 367 nm with a 2 nm FWHM

